

said pigment particles being stably retained by said fiberglass tape while said tape is in a soft state in the presence of said hardenable liquid resin, and there being substantially no adverse effect on said pigment particles after said liquid resin becomes hard.

35. The cast bandage tape of claim 34 wherein said open mesh fiberglass tape has an extensibility greater than about 15 percent.

36. The cast bandage tape of claim 34 wherein said hardenable liquid resin comprises an isocyanate functional prepolymer.

37. The cast bandage tape of claim 34 having a shelf stability greater than two months at 50°C.

38. A process of producing an orthopedic cast bandage tape, said process comprising the steps of:

A1 cont. providing an open mesh fiberglass tape;
providing ink comprising pigment particles and a bonding resin;

printing said ink comprising pigment particles and bonding resin as a pattern on said fiberglass tape to form a printed fiberglass tape, said bonding resin being cured and serving to bind said pigment particles to an outer surface of said fiberglass tape; and

applying a hardenable liquid to said fiberglass tape, the pigment particles being without any adverse effect from said hardenable liquid resin;

said pigment particles being stably retained by said fiberglass tape while said tape is in a soft state in the presence of said hardenable liquid resin, and there being substantially no adverse effect on said pigment particles after said liquid resin becomes hard.

A 1 CONT.
39. The process of claim 38 wherein said step of printing comprises a pattern of at least two colors.

40. The process of claim 38 further comprising the step of heat treatment of the fiberglass tape before said printing step.

41. The process of claim 38 wherein said ink particles and bonding resin are in a solvent.

42. A cured hardened plastic article comprising: an open mesh fiberglass bandage tape having ink printed thereon in a preselected pattern, said ink comprising pigment particles and a bonding resin, said bonding resin being cured serving to bind said pigment particles to an outer surface of said fiberglass tape; and

a cured hardenable liquid resin coated on said fiberglass tape and over said pattern of ink, the pigment particles being without any adverse effect from said hardenable resin prior to being cured;

said pigment particles being stably retained by said fiberglass tape while said tape is in a soft state in the presence of said hardenable liquid resin, and there being